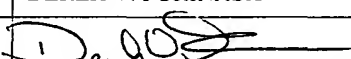



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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 1391-41100 DVF	
		First Inventor Michael Fripp	
		Title Electroactive Fluid Controlled Mud Pulser	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Express Mail Label No. EV 324574497 US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		Mail Stop Patent Application Commissioner for Patents P. O. Box 1450 Arlington VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 17]. <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3] 5. Oath and Declaration [Total Pages] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
		ACCOMPANYING APPLICATION PARTS	
		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) <i>Prior application information:</i> </div> <div> <i>Examiner</i> </div> <div> of prior application No.: Group/Art Unit: </div> </div> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
19. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number of Bar Code Label 23505 or <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	Zip Code
Country	Telephone		Fax
Name (Print/Type)	DEREK V. FORINASH		Registration No. (Attorney/Agent) 47,231
Signature 			Date August 5, 2003

The collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.**

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ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code (\$)</th> <th style="text-align: left;">Small Entity Fee Code (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid \$</th> </tr> </thead> <tbody> <tr><td>1051 130</td><td>2051 65</td><td>Surcharge - late filing fee or oath</td><td style="text-align: right;">\$</td></tr> <tr><td>1052 50</td><td>2052 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td style="text-align: right;">\$</td></tr> <tr><td>1053 130</td><td>1053 130</td><td>Non-English specification</td><td style="text-align: right;">\$</td></tr> <tr><td>1812 2,520</td><td>1812 2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td style="text-align: right;">\$</td></tr> <tr><td>18042 920*</td><td>1804 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td style="text-align: right;">\$</td></tr> <tr><td>1805 1,840*</td><td>1805 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td style="text-align: right;">\$</td></tr> <tr><td>1251 110</td><td>2251 55</td><td>Extension for reply within first month</td><td style="text-align: right;">\$</td></tr> <tr><td>1252 410</td><td>2252 205</td><td>Extension for reply within second month</td><td style="text-align: right;">\$</td></tr> <tr><td>1253 930</td><td>2253 465</td><td>Extension for reply within third month</td><td style="text-align: right;">\$</td></tr> <tr><td>1254 1,450</td><td>2254 725</td><td>Extension for reply within fourth month</td><td style="text-align: right;">\$</td></tr> <tr><td>1255 1,970</td><td>2255 985</td><td>Extension for reply within fifth month</td><td style="text-align: right;">\$</td></tr> <tr><td>1401 320</td><td>2401 160</td><td>Notice of Appeal</td><td style="text-align: right;">\$</td></tr> <tr><td>1402 320</td><td>2402 160</td><td>Filing a brief in support of an appeal</td><td style="text-align: right;">\$</td></tr> <tr><td>1403 280</td><td>2403 140</td><td>Request for oral hearing</td><td style="text-align: right;">\$</td></tr> <tr><td>1451 1,510</td><td>1452 1,510</td><td>Petition to institute a public use proceeding</td><td style="text-align: right;">\$</td></tr> <tr><td>1452 110</td><td>2452 55</td><td>Petition to revive - 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Name (Print/Type)		DEREK V. FORINASH		Registration No. (Attorney/Agent)		47,231																																																																																																																									
Signature				Telephone		(713) 238-8000																																																																																																																									
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